

Continued Examination Under 37 CFR 1.114

1. A request for continued examination under 37 CFR 1.114, including the fee set forth in 37 CFR 1.17(e), was filed in this application after final rejection. Since this application is eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, the finality of the previous Office action has been withdrawn pursuant to 37 CFR 1.114.

Examiner's amendment

2. Authorization for this examiner's amendment was given in a telephone interview with Thomas Cunningham on March 02, 2011.

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

3. Claim 1 has been amended as follows:

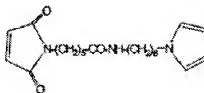
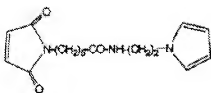
In claim 1, line 3, after "activated pyrrole monomer", delete the word "that is an activated ester of pyrrole or a maleimide pyrrole".

In claim 1, line 6, after the words "first solution with a second solution", replace the words "of the pyrrole monomer" with the words --comprising a pyrrole--.

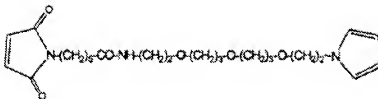
In claim 1, last line, after the words "synthesis time of less than 100 ms", insert the followings:

--to produce a copolymer film having a thickness ranging from 5 nm to 10 nm;

wherein the activated pyrrole is at least one selected from the group consisting of an NHS-pyrrolyl caproate, a sulpho-NHS pyrrolyl undecanoate,



and



4. Claim 23 has been amended as follows:

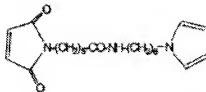
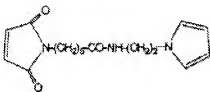
In claim 23, line 3, after "activated pyrrole monomer", delete the word "that is an activated ester of pyrrole or a maleimide pyrrole".

In claim 23, line 6, after the words "first solution with a second solution", replace the words "of the pyrrole monomer" with the words --comprising a pyrrole--.

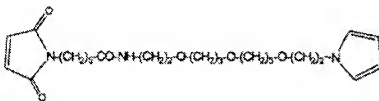
In claim 23, lines 9-10, after the words "film having a thickness", replace the words "of no more than 10 nm," with the followings:

--ranging from 5 nm to 10 nm;

wherein the activated pyrrole is at least one selected from the group consisting of an NHS-pyrrolyl caproate, a sulpho-NHS pyrrolyl undecanoate,



and



5. Claim 24 has been amended as follows:

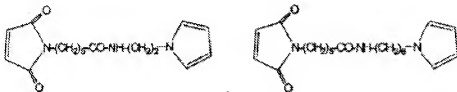
In claim 24, line 4, after "activated pyrrole monomer", delete the word "that is an activated ester of pyrrole or a maleimide pyrrole".

In claim 24, line 7, after the words "first solution with a second solution", replace the words "of the pyrrole monomer" with the words --comprising a pyrrole--.

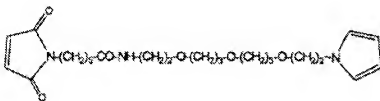
In claim 24, line 11, after the words "film having a thickness", replace the words "of no more than 10 nm," with the followings:

--ranging from 5 nm to 10 nm;

wherein the activated pyrrole is at least one selected from the group consisting of an NHS-pyrrolyl caproate, a sulpho-NHS pyrrolyl undecanoate,



and



6. Claims 3-5, 15-16 and 30-32 have been cancelled.

Conclusion

7. Claims 1-2, 6, 10-14 and 17-25, now renumbered as 1-17 are allowed.
8. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Shafiqul Haq whose telephone number is 571-272-6103. The examiner can normally be reached on 7:30AM-4:00PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Mark L. Shibuya can be reached on 571-272-0806. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR.

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/Shafiqul Haq/
Primary Examiner, Art Unit 1641